AUTODOC CLUB

How to change rear brake pads on **AUDI 90 B3 (89, 89Q, 8A)** – replacement guide

SIMILAR VIDEO TUTORIAL



This video shows the replacement procedure of a similar car part on another vehicle

Important!

This replacement procedure can be used for:
AUDI 90 B3 (89, 89Q, 8A) 2.0, AUDI 90 B3 (89, 89Q, 8A) 2.3 E, AUDI 90 B3 (89, 89Q, 8A) 2.3 E 20V, AUDI 90 B3 (89, 89Q, 8A) 2.3 E quattro, AUDI 90 B3 (89, 89Q, 8A) 2.3 E 20V quattro, AUDI 90 B3 (89, 89Q, 8A) 2.2 E, AUDI 90 B3 (89, 89Q, 8A) 2.2 E quattro, AUDI 90 B3 (89, 89Q, 8A) 2.0 20 V, AUDI 90 B3 (89, 89Q, 8A) 2.0 20 V quattro

The steps may slightly vary depending on the car design.

This tutorial was created based on the replacement procedure for a similar car part on: AUDI 80 B4 Saloon (8C2) 2.0

REPLACEMENT: BRAKE PADS – AUDI 90 B3 (89, 89Q, 8A). LIST OF THE TOOLS YOU'LL NEED:



- Wire brush
- WD-40 spray
- Brake cleaner
- Copper grease
- Anti-squeal paste
- High-temperature ceramic grease
- Torque wrench
- Combination spanner #13
- Combination spanner #15
- Wheel impact socket #17
- Brake caliper wind back tool
- Ratchet wrench
- Crow bar
- Wheel chock

Buy tools

Replacement: brake pads – AUDI 90 B3 (89, 89Q, 8A). Tip from AUTODOC:

- Perform the replacement of brake pads in complete set for each axis. This provides effective braking.
- The replacement procedure is identical for all brake pads on the same axle.
- All work should be done with the engine stopped.

REPLACEMENT: BRAKE PADS – AUDI 90 B3 (89, 89Q, 8A). RECOMMENDED SEQUENCE OF STEPS:

1 Open the bonnet. Unscrew the brake fluid reservoir cap.

2 Secure the wheels with chocks.



3 Loosen the wheel mounting bolts. Use wheel impact socket #17.



4 Raise the rear of the car and secure on supports.

5 Unscrew the wheel bolts.



AUTODOC recommends:

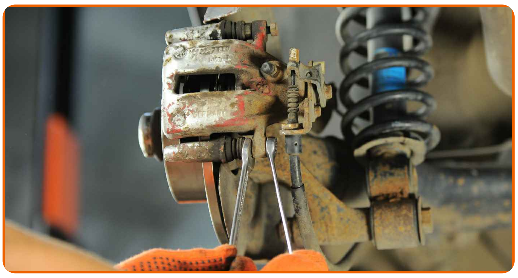
- Important! Hold the wheel while unscrewing the fastening bolts. AUDI 90 B3 (89, 89Q, 8A)

6 Remove the wheel.



7 Clean the brake caliper fasteners. Use a wire brush. Use a brake cleaner.

8 Unscrew the brake caliper fastening. Use a combination spanner #15. Use a combination spanner #13.



9 Spread the brake pads. Use a crowbar.



10 Remove the brake caliper.



Replacement: brake pads – AUDI 90 B3 (89, 89Q, 8A). Tip:

- Tie the caliper to the suspension or to the body with a wire without disconnecting from the brake hose to prevent depressurization of the brake system.
- Make sure that the brake caliper is not hanging on the brake hose.
- Don't press the brake pedal after the brake caliper has been removed. As a result, the piston can fall out from the brake cylinder, and brake fluid leakage and depressurization of the system may occur.
- Check the brake caliper bracket, brake caliper guide pins and boots. Clean them. Replace, if necessary.

11 Remove the brake pads.



Replacement: brake pads – AUDI 90 B3 (89, 89Q, 8A). AUTODOC experts recommend:

- Measure the brake disc thickness. Upon reaching the wear limit the part must be replaced.

12 Clean the brake caliper bracket from dirt and dust. Use a wire brush. Use a brake cleaner.



13 Treat the brake pads in the area where their surface comes into contact with the brake caliper bracket. Use anti-squeal paste.



Replacement: brake pads – AUDI 90 B3 (89, 89Q, 8A). Tip from AUTODOC experts:

- Make sure the disc surface is clean before installing the pads.

14 Install new brake pads.



Replacement: brake pads – AUDI 90 B3 (89, 89Q, 8A). AUTODOC recommends:

- Make sure the pads are installed with linings facing the disc.

15 Treat the brake caliper piston. Use a brake cleaner.



Replacement: brake pads – AUDI 90 B3 (89, 89Q, 8A). AUTODOC experts recommend:

- After applying the spray, wait a few minutes.

16

Press in the brake caliper piston. Use brake caliper wind back tool.



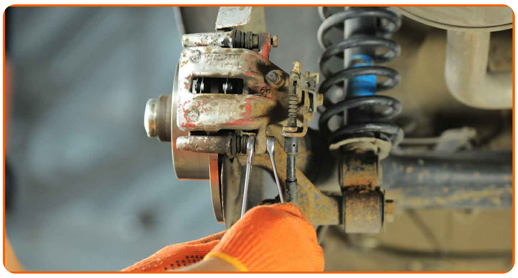
17.1

Install the brake caliper and fix it.



17.2

Use a combination spanner #15. Use a combination spanner #13. Use a torque wrench. Tighten it to 35 Nm torque.



18

Treat the surface where the brake disc contacts the wheel rim. Use high-temperature ceramic grease.



19 Clean the brake disk surface. Use a brake cleaner.



AUTODOC recommends:

- Replacement: brake pads – AUDI 90 B3 (89, 89Q, 8A). After applying the spray, wait a few minutes.

20 Install the wheel.



Replacement: brake pads – AUDI 90 B3 (89, 89Q, 8A). Tip from AUTODOC experts:

- To avoid injury, hold up the wheel when screwing in the fastening bolts.

21 Screw in the wheel bolts. Use wheel impact socket #17.



22 Lower the car and working in a cross order, tighten the wheel bolts. Use wheel impact socket #17. Use a torque wrench. Tighten it to 120 nm torque.



23 Remove the jacks and chocks.

AUTODOC recommends:

- Important! Replacement: brake pads – AUDI 90 B3 (89, 89Q, 8A). Check the brake fluid level in the reservoir and top up if necessary.

24 Tighten the brake fluid reservoir cap. Close the hood.

Replacement: brake pads – AUDI 90 B3 (89, 89Q, 8A). Tip:

- Without starting the engine, press the brake pedal several times until you feel significant resistance.

WELL DONE!

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